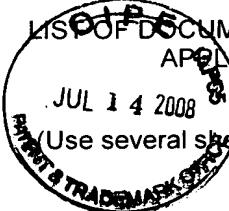


Form PTO-1449 U.S. Dept. of Commerce Patent & Trademark Office		ATTY. DOCKET NO. 2420	SERIAL NO. CONFIRMATION NO. 10/539,423 1101
		APPLICANT Delgado et al.	
		FILING DATE June 20, 2005	GROUP 1626

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	AL							
	AM							
	AN							
	AO							
	AP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AR	Akazome et al., "Palladium Complex-Catalyzed Reductive N-Heterocyclization of Nitroarenes: Novel Synthesis of Indole and 2H-Indazole Derivatives," <i>J. Of Org. Chem.</i> , vol. 59, pp. 3375-3380 (1994)
AS	Al-Khamees et al., "Synthesis of ( $\pm$ )-(4aS, 13cR)- and ( $\pm$ )-(4aR, 13cR)-1,2,3,4,4a,13c-Hexahydro-5Hindazolol[2,3-d][1,4]benzodiazepin-6(7H)-ones," <i>J. Chem. Soc., Perkin Trans 1</i> , pp. 2001-2006 (1985)
AT	Altmann et al., "Arylaminoethyl Amides as Novel Non-Covalent Cathepsin K Inhibitors," <i>J. Med. Chem.</i> , Vol. 45, pp. 2352-2354 (2002)

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449 U.S. Dept. of Commerce Patent & Trademark Office		ATTY. DOCKET NO. 2420		SERIAL NO. CONFIRMATION NO. 10/539,423 1101			
LIST OF DOCUMENTS CITED BY APPLICANT  (Use several sheets if necessary)		APPLICANT Delgado et al.					
		FILING DATE June 20, 2005		GROUP 1626			
		U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	BA						
	BB						
	BC						
	BD						
	BE						
	BF						
	BG						
	BH						
	BI						
	BJ						
	BK						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES      NO
	BL						
	BM						
	BN						
	BO						
	BP						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	BR	Applegate et al., "The Efficient Synthesis of 3-Arylsyndones Under Neutral Conditions," <i>Synthesis</i> , pp. 1011-1012 (1988)					
	BS	Bamberger, Eugen, "Action of alkalis on orthomethyldiazonium salts," <i>Justus Liebigs Annalen Der Chemie</i> , Vol. 305, pp. 314-331 (1899)					
	BT	Finch et al., "Rearrangement of 3-Amino-1-benzylindazole to 4-Amino-2-phenylquinazoline," <i>J. Org. Chem.</i> , Vol. 36(11), pp. 1463-1465 (1971)					

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449 U.S. Dept. of Commerce Patent & Trademark Office		ATTY. DOCKET NO. 2420		SERIAL NO. CONFIRMATION NO. 10/539,423 1101			
LIST OF DOCUMENTS CITED BY APPLICANT  (Use several sheets if necessary)		APPLICANT Delgado et al.					
		FILING DATE June 20, 2005		GROUP 1626			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	CA						
	CB						
	CC						
	CD						
	CE						
	CF						
	CG						
	CH						
	CI						
	CJ						
	CK						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES      NO
	CL						
	CM						
	CN						
	CO						
	CP						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	CR	Fischer et al., "Ueber die Hydrazine der Aimmtsäure" <i>Justus Liebigs Annalen der Chemie</i> , Vol. 227, pp. 302-341 (1884)					
	CS	Kawakubo et al., "Sutides on 3-Aminoindazoles. I. Synthesis of 1- or 3-(Substituted 3-Amino)indazoles," <i>Chem. Pharm. Bull.</i> , Vol. 35(6), pp. 2292-2299 (1987)					
	CT	Lark et al., "A Potent Small Molecule, Nonpeptide Inhibitor of Cathepsin K (SB 331750) Prevents Bone Matrix Resorption in the Ovariectomized Rat," <i>Bone</i> , Vol. 30(5), pp. 746-753 (2002)					

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449 U.S. Dept. of Commerce Patent & Trademark Office		ATTY. DOCKET NO. 2420		SERIAL NO. CONFIRMATION NO. 10/539,423 1101			
LIST OF DOCUMENTS CITED BY APPLICANT  (Use several sheets if necessary)		APPLICANT Delgado et al.					
		FILING DATE June 20, 2005		GROUP 1626			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	DA						
	DB						
	DC						
	DD						
	DE						
	DF						
	DG						
	DH						
	DI						
	DJ						
	DK						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES      NO
	DL						
	DM						
	DN						
	DO						
	DP						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	DR	Leung-Toung et al., "Thiol-Dependent Enzymes and Their Inhibitors: A Review," <i>Current Medicinal Chemistry</i> , Vol. 9, pp. 979-1002 (2002)					
	DS	McGeachin et al., "The Structures of Two Self-Condensation Products from o-Aminobenzaldehyde," <i>Canadian J. of Chemistry</i> , Vol. 4, pp. 2323-2328 (1966)					
	DT	March, <u>Advanced Organic Chemistry</u> , 4 <sup>th</sup> edition, John Wiley and Sons, New York, pp. 721-723 (1992).					

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449 U.S. Dept. of Commerce Patent & Trademark Office		ATTY. DOCKET NO. 2420		SERIAL NO. CONFIRMATION NO. 10/519,423 1101			
LIST OF DOCUMENTS CITED BY APPLICANT  (Use several sheets if necessary)		APPLICANT Delgado et al.					
		FILING DATE June 20, 2005		GROUP 1626			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	EA						
	EB						
	EC						
	ED						
	EE						
	EF						
	EG						
	EH						
	EI						
	EJ						
	EK						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES      NO
	EL						
	EM						
	EN						
	EO						
	EP						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	ER	Matassa et al., "Evolution of a Series of Peptidoleukotriene Antagonists: Synthesis and Structure/Activity Relationships of 1,3,5-Substituted Indoles and Indazoles," <i>J. Med. Chem.</i> , Vol. 33, pp. 1781-1790 (1990)					
	ES	Parnell et al., "2-Cyano-4-nitrophenylpydrazine and 3-Amino-5-nitroindazole," <i>J. Chem. Soc.</i> , pp. 2363-2365 (1959)					
	ET	Patil et al., "A New Dimeric Dihydrochalcone and a New Prenylated Flavone from the Bud Covers of <i>Artocarpus altilis</i> : Potent Inhibitors of Cathepsin K," <i>J. Nat. Prod.</i> , Vol. 65, pp. 624-627 (2002)					

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449 U.S. Dept. of Commerce Patent & Trademark Office		ATTY. DOCKET NO. 2420	SERIAL NO. CONFIRMATION NO. 10/539,423 1101
LIST OF DOCUMENTS CITED BY APPLICANT  (Use several sheets if necessary)		APPLICANT Delgado et al.	
		FILING DATE June 20, 2005	GROUP 1626

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	FA						
	FB						
	FC						
	FD						
	FE						
	FF						
	FG						
	FH						
	FI						
	FJ						
	FK						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	FL							
	FM							
	FN							
	FO							
	FP							

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

FR	Patil et al., "Haploscleridamine, a Novel Tryptamine-Derived Alkaloid from a Sponge of the Order Haplosclerida: An Inhibitor of Cathepsin K," <i>J. Nat. Prod.</i> , Vol. 65, pp. 628-629 (2002)
FS	Pontikis et al., "A New Route to 2'-C-methylene Nucleoside Analogs, Inhibitors of Ribonucleotide Reductase," <i>Tetrahedron Letters</i> , Vol. 36(20), pp. 3523-3526 (1995)
FT	Smith et al., "Discovery abd Parallel Synthesis of a New Class of Cathepsin K Inhibitors," <i>Bioorganic &amp; Medicinal Chemistry Letters</i> , Vol. 11, pp. 2951-2954 (2001)

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449 U.S. Dept. of Commerce Patent & Trademark Office		ATTY. DOCKET NO. 2420		SERIAL NO. CONFIRMATION NO. 10/519,423 1101			
LIST OF DOCUMENTS CITED BY APPLICANT  (Use several sheets if necessary)		APPLICANT Delgado et al.					
		FILING DATE June 20, 2005		GROUP 1626			
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	GA						
	GB						
	GC						
	GD						
	GE						
	GF						
	GG						
	GH						
	GI						
	GJ						
	GK						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES      NO
	GL						
	GM						
	GN						
	GO						
	GP						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	GR	Song et al., "A Novel Synthesis of 2-Aryl-2H-indazoles via a Palladium-Catalyzed Intramolecular Amination Reaction," <i>Organic Letters</i> , Vol. 2(4), pp. 519-521 (2000)					
	GS	Stroup et al., "Potent and Selective Inhibition of Human Cathepsin K Leads to Inhibition of Bone Resorption In Vivo in a Nonhuman Primate," <i>J. of Bone and Mineral Research</i> , Vol. 16(10), pp. 1739-1746 (2001)					
	GT	Suwi nski et al., "The Mechanism of Elimination of Aldoxime Hydrogensulfates to Nitriles," <i>Polish J. of Chemistry</i> , Vol. 59, p. 521-529 (1985)					

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Form PTO-1449 U.S. Dept. of Commerce Patent & Trademark Office		ATTY. DOCKET NO. 2420	SERIAL NO. CONFIRMATION NO. 10/539,423 1101				
LIST OF DOCUMENTS CITED BY APPLICANT  (Use several sheets if necessary)		APPLICANT Delgado et al.					
		FILING DATE June 20, 2005	GROUP 1626				
		U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	HA						
	HB						
	HC						
	HD						
	HE						
	HF						
	HG						
	HH						
	HI						
	HJ						
	HK						
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
							YES      NO
	HL						
	HM						
	HN						
	HO						
	HP						
OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	HR	Vivona et al., "Mononuclear Heterocyclic Rearrangements. Part 12 (I). Rearrangements of 1,2,4-Oxadiazoles into Indazoles," <i>J. of Heterocyclic Chemistry</i> , Vol. 16(1), pp. 783-784 (1979)					
	HS	Von Auwers et al., "Uber Synthesen von N-Acyl-indzolen," <i>Justus Liebigs Annalen der Chemie</i> , Vol. 450, pp. 273-303 (1926)					
	HT						

EXAMINER	DATE CONSIDERED
----------	-----------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.